20-118-4-22/61 Govorova, R. A., Sen'kin, Ye. P. Some Features of the Grinding of Glass With Soft Abrasives (Ob osobennostyakh shlifovki stekla myagkimi AUTHORS: Doklady Akademii Nauk SSSR, 1958, Vol. 118, Nr 4, TITLE: shlifoval'nikami) pp. 705-708 (USSR) The cavities in glass are from 30 to 50 % less deep, if PERIODICAL: Boft abrasives are used instead of abrasives of cast iron. The present paper investigates the reasons for this phenomenon and exactly defines several details of the grinding process. When the worked piece is rotated below the abrasive, the ABSTRACT: grain of the abrasive sooner or later moves into such a position as to make possible an increase of the strains transferred from the glass or from the abrasive without causing a motion of the corn. The grain is conically shaped, which represents its operational position. When a enaped, which represents the operational position. When a conical shape is reached, the following cases are possible: 1) the grain passes through the operational position Card 1/3

Some Features of the Grinding of Glass With Soft Abrasives 20-118-4-22/61

previous to the rupture of the glass.

- 2) The strains increase in such a way, that the glass starts to break, but that it leaves the operational position still unbroken.
- 3) The strains can increase to such an extent as to destroy the grain. Strains exceeding this value cannot be transferred to the glass by the grain. Just because of this fact the depth of the maximum cavities in the glass is above all determined by the strength of the grain (that is to say by its size and material). Due to the fact that soft abrasives furnish a smaller depth of the cavities, they will also have smaller grains. The probable causes for the reduction of the strains on the grain are given. Then the experimental method used here for the determination of the strains on grains is discussed. Four abrasives, steel, cast iron, aluminum, and plexiglass were investigated. The experiments were performed, on the laboratory lathe ShP-150, sand being used as abrasive. A diagram illustrates the curves of the crushing strains for abrasives of different size. The curves corresponding to abrasives of steel and cast iron pass through the zone above the mean crushing strains. The

Card 2/3

Some Features of the Grinding of Glass With Soft Abrasives 20-118-4-22/61

curves corresponding to grinding agents from aluminum and plexiglass pass considerably lower. This speaks in favor of the fact, that abrasives of aluminum and plexiglass do not destroy the largest grains of the basic fraction. Furtheron the authors mention other experimental data, which confirm the correctness of the here found values on strains. Then the number N of active grains in abrasives of cast iron and plexiglass is approximately estimated. About 2 % of the grains are active below an abrasive of cast iron and about 7 % below an abrasive of plexiglass. There are 2 figures, 2 tables, and 1 reference, 1 of which is Soviet.

ASSOCIATION:

Institut khimii silikatov Akademii nauk SSSR

PRESENTED:

(Institute for the Chemistry of Silicates, AS USSR July 8, 1957, by A. A. Lebedev, Member of the Academy

SUBMITTED:

July 4, 1957

AVAILABLE:

Library of Congress

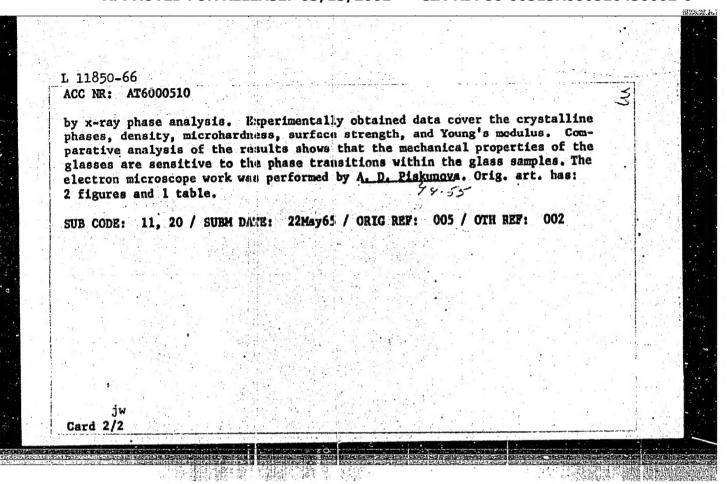
Card 3/3

ALEKSEYEVA, O. S.; BOKIN, P. Ya.; GOVOROVA, R. A.; KORELOVA, A. I.; NIKANDROVA, G. A.

"Structural variations in lithium silicate and lithium alumosilicate glasses in the process of crystallization and their effect on mechanical properties."

report submitted for 4th All-Union Conf on Structure of Glass, Leningrad, 16-21 Mar 64.

L 11850-66 EWT(m)/EWP(e)/EWP(b) WH/GS ACC NR: AT6000510 SOURCE CODE: UR/0000/65/000/000/0382/0386 AUTHOR: Alekseyeva, O. S.; Bokin, P. Wa.; Govorova, R. A.; Korelova, A. I.; Nikandrova, G. A. 44.75 44.75 ORG: None TITLE: Structural changes in lithia-silica and lithia-alumino silica glasses during crystallization, and their effect on mechanical properties SOURCE: Vsesoyuznoye soveshchaniya po stekloobraznomu sostoyaniyu. 4th. Leningrad, 1964. Stekloobrannoye sostoyaniye (Vitreous state); trudy sovesh-79 chaniya, Leningrad, Izd-vo Nauka, 1965, 382-386 TOPIC TAGS: lithium glass, silicate glass, aluminum silicate, glass property, catalyzed crystallization, emptalization, electron microscopy, I amy analysis, ABSTRACT: Two lithia-stlica glasses (34.4 and 23.4 mol % of Li20) and one lithia-aluminosilica glass containing a small admixture of potassium oxide and silver and cerium dioxide catalyzers have been investigated. Polished glass samples (20 x 25 x 3 mm) were crystallized under single or repeated heating to 400-900C over periods of 4 to 24 hrs. The structure was investigated by standard (2375 X) and electron (8000 X) microscope, while the composition was checked Card 1/2



GOVUMUVA, R. P.

Kuznetsov, V. I., Govorova, R. P., and Shilov, S. V. "Complex utilization of the brown coal of the Ukranian SSR," Report 2, Ukr. khim. shurnal, Vol. XV, Issue 1, 1949, p. 11-24

SO: U-5241, 17 December 1953, (Letophs 'zhurnal 'nkyh Statey, No. 26, 1949)

Govorova, R. P.

USSR/Chemistry - Low Temp Coking; Lignite

Sep/Oct 53

"Complex Utilization of Prown Coals of the Ukrainian SSR. 7. Investigation of the Composition of Tar Fractions Obtained by Low Temperature Coking of Brown Coal," N. M. Karavayev, V. I. Kuznetsov, R. P. Govorova, Inst of Heat Power Engng, Acad Sci Uk SSR.

Ukrain Khim Zhur, Vol 19, No 5, pp 556-561.

Purification of the ligroin-kerosene and paraffin fractions is best carried out by selective solvent extraction. The furfural used as a solvent can be recovered almost completely, and the material extracted applied in the (used) rubber recovery industry.

271T6

GOVOROVA, R. P.

Govorova, R. P. - "Obtaining Motor Fuels from the Semicoke Tar of Ukrainian Brown Coal, and a Study of Its Gasoline Fraction." Acad Sci Ukrainian SSR. Inst of Heat Power Engineering. Kiev, 1955 (Dissertation for the Degree of Candidate in Technical Sciences).

So: Knizhnaya Letopis', No. 10, 1956, pp 115-127

GOVOROVAR.P.

USER/ Chemistry - Chemical technology

Card 1/2

Pub. 116 - 23/25

Authors

Kuznetsov, V. I.; Govorova, R. P.; Livyy, G. V.; and Landa, I. M.

Title

Use of furfurale extracts of ligroin-kerosene fractions of primary

lignite tar for reclaiming of rubber

Periodical

Ukr. khim. zhur. 21/1, 127-131, 1955

Abstract

Lignite tar refining wastes and especially furfurole extracts of ligroin-kerosene fractions were investigated to determine their applicability as plasticizers for rubber reclamation. It was found that the ligroin-kerosene extract is an active swelling agent for synthetic rubber. Even though the extract cannot be used in pure form for the reclamation of rubber it is, however, well applicable as a diluent of solid plasticizers which makes it possible to obtain reclaimed rubber with high physico-mechanical

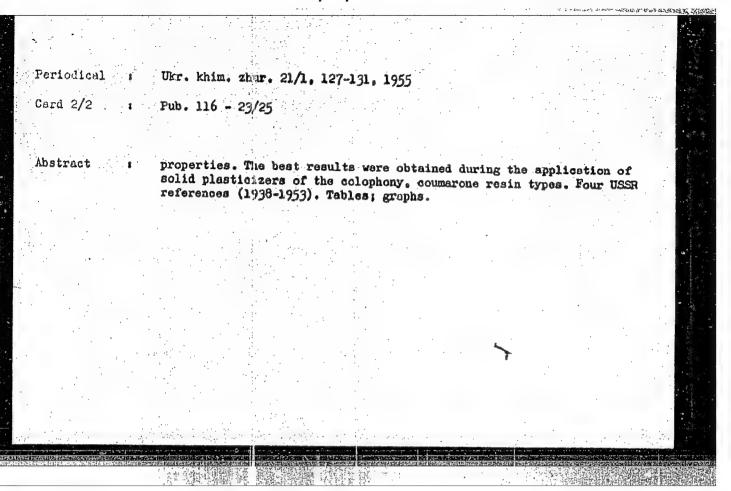
Institution :

Acad. of Sc., Ukr-SSR, Heat Energy Institute, The Rubber Reclaiming Plant,

Kiev.

Submitted

February 20, 1955



GOEVOROVA R.P.

USSR/ Chemistry - Solid fuels

Card 1/1

Pub. 116 - 26/29

Authors

: Kuznetsov, V. I.; Govorova, R. P.; Fadeycheva, A. G.; Gigel', T. B.; and

Chernykh, M. K.

Title

1 Complex utilization of brown coal in the Ukr. SSR. Part 13, Tars from

semicoking of smut coal with the solid heat carrier - semicoke

Periodical

! Ukr. khim. zhur. 21/6, 804-809, Dec 1955

Abstract

tars obtained by semicoking of brown coal with the solid heat-carrier (semi-coke) were found to offer a higher yield of benzene and lower yield of paraffin fractions as compared with tar obtained during the semicoking of the very same coal with a gaseous heat carrier. The primary decomposition products during the semicoking of brown coal with a solid heat carrier - semicoke - submit to cracking to a greater extent than during semicoking with a gaseous heat carrier. The increase in fractions in tars of unsaturated compounds was found to be due to cracking. The phenols obtained from such fractions offer a somewhat lower yield of phenol-cresol fractions; and the paraffin yield is much lower. Tables; graph.

Institution: Acad. of Sc., Ukr. SSR, Inst. of Heat Power Engineering, Lab. for Chem. Proc.

Submitted: June 17, 1955

Govorova, R.P.

11(7)

PHASE I BOOK EXPLOITATION

BOV/2794

Akademiya nauk Ukrainskoy SSR. Institut teploenergetiki

Izucheniye i kompleksnaya pererabotka smol i bitumov burykh ugley Dneprovskogo basseyna, ch. 2 (Study of Tars and Bitumens of Pnepr Basin Brown Coal and Their Comprehensive Conversion, Pt. 2) Kiyev, 1958. 127 p. 1,000 copies printed.

Resp. Ed.: N. M. Karavayev, Professor, Corresponding Member, USSR Academy of Sciences; Ed. of Publishing House: T. K. Remennik; Tech. Ed.: I. D. Milekhin.

FURPOSE: This collection of articles is intended for scientific workers in fuel research institutes as well as for technical and engineering personnel studying problems of comprehensive utilization of solid fuels.

COVERAGE: This collection of articles on the utilization of coal for chemical products is the result of investigations made by the Institute of Thermal Power Engineering of the Academy of Science of the Ukrainian SSR. The process of converting tar and carbobitumens produced through the thermal decomposition of Dneper basin brown coal is analyzed. The importance of the utilization of gases and products of thermal conversion of solid fuel for the growing

Card 1/4

Study of Tars and Bitumens (Cont.)	80V/ 2794
production of synthetic materials is pointed out. both as a source of heat energy and as a source of sized. References accompany individual articles.	of chemicals is empha-
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andy of Tars and Bitumens (Cont.)		
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Study of Tars and Bitumens (Cont.)

AVAILABLE: Library of Congress (TP953.A35)

Card 4/4

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1/11/60

GOVOROVA, R.P. [Hovorovn, R.P.], kand. tekhn. nauk

Recovery of engine fuels from the tar of semicoked Ukrainian brown coal. Kompl. vyk. pal.-energ. res. Ukr. no.1:181-191
159. (MIRA 16:7)

1. Institut teploenergetiki AN UKrSSR.
(Goal-Carbonisation)
(Coal-Carbonisation)

TOLUBINSKIY, V.I. [Tolubins'kyi, V.I.]; SHKURATOV, I.Ya.; GOVOROVA, R.P. [Hovorova, R.P.]; KLIMENKO, Yu.G. [Klymenko, IU.H.]

Effect of the temperature of the process on the yield and quality of the products from the pyrolysis of brown coal tar. Zbir. prats' Inst. tepl. AN URSR no.25:3-8 '62. (MIRA 17:1)

GOVOROVA, R.P. [Hovorova, R.P.]

Surface-active substances with a base of the wide fraction of brown coal tar. Zbir. prats' Inst. tepl. AN URSR no.25: 62-68 '62. (MIRA 17:1)

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000516430002-0

L 31332-66 EWT(1)/T ACC NR: AP6022579 (A. N) SOURCE CODE: UR/0346/66/000/001/0013/0016 AUTHOR: Revenkov, A. G.; Goverova, S. V.; Tsuverkalov, D. A. ORG: All-Union Scientific Research Institute of Veterinary Virology and Microbiology (Vsesoyuznyy nauchno-issiedovatel sky institut veterinarnoy virusologii i mikrobiologii) TITLE: Effect of enrichment of Frenkel's medium on reproduction of foot-and-mouth diseas virus SOURCE: Veterinariya, no. 1, 1966, 13-16 TOPIC TAGS: foot and mouth disease, virus, vaccine, virology, biochemistry, amino acid ABSTRACT: The effect of a high glucose content in Frenkel's medium on production of the foot-and-mouth disease virus was studied in an effort to obtain a titer high enough (above 6 lg ID_{so}/ml) to obtain vaccine / Frenkel's medium (glucose 100 mg/l, arginine 50 mg/l, and cysteine 125 mg/l) and six enriched modifications were used. To the second and third, 200 and 100 mg/l of glucose were added, respectively; to the fourth, 100 mg/l of arginine; to the fifth, 250 mg/l of cysteine; to the sixti, 100 mg/l of arginine and 200 mg/l of glucose; and to the seventh, 200 mg/l of glucose, 100 mg/l of arginine and 250 mg/l of cysteine. Two strains of Type 0 of the virus Card 1/2

L 31332-66

ACC NR: AP6022579

were used one adapted to an explant of cattle tongue equithelium, and the other a strain used for commercial production. It was found that the degree of glucose assimilation in Frenkel's medium with an explant of cattle tongue epithelium was higher in the culture infected with foot-and-mouth disease virus than in the non-infected culture. Increasing the concentration of glucose did not affect the degree of glycolysis whether the virus was present in the culture or not. Most intensive glucose and amino acid metabolism was observed in the first hours of cultivation (up to 20); then the rate of biochomical processes associated with conversion of these substances (glycolysis, deamination, etc.) declined. Orig. art. has: 4 figures and 2 tables. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 002 / OTH REF: 008

Card 2/2 000

WIT I THE PROPERTY SHEET SHEET

AUTHORS:

SOV/2-58-11-5/18

Govorova, V., Senior Economist; Kobzev, A., District Inspector (Stalinskiy rayon, Akmolinskaya oblast)

TITLE:

The Lessons of the Test Census Takings Have Been Considered (Uchteny uroki probnoy perepisi)

PERIODICAL:

Vestnik statistiki, 1958, Nr 11, pp 25-29 (USSR)

ABSTRACT:

The authors describe the particular conditions in the Stalinskiy district (Akmolinskaya oblast') and enumerate all preparations performed for the All-Union census in January 1959. There are 2 tables.

ASSOCIATION: Upravleniye po provedeniyu Vsesoyuznoy perepisi naseleniya TaSU SSSR (The USSR TaSU Administration Conducting the All-Union Census); TsSU SSSR (The USSR Central Adminis-

Card 1/1

AUDAPPROVED FOR RELEASE: D03/163/2001 CIA-RDP86-0051-3R00051-6430002-0

TITLE:

The Moscow Institute of Economics and Statistics "Post-War Census Held in Different Countries" - Collected Articles (Moskovskiy ekonomiko-statisticheskiy institut "Poslevoyennyye perepisi naseleniya" - sbornik statey)

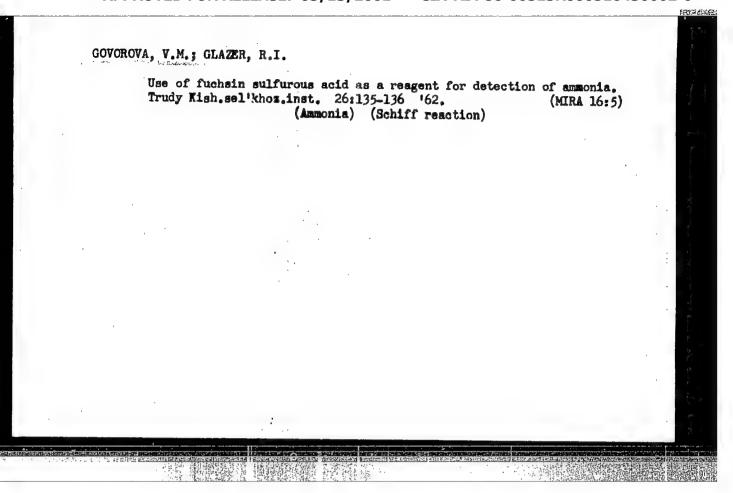
PERIODICAL:

Vestnik statistiki, 1958, Nr 11, pp 77-79 (USSR)

ABSTRACT:

This is a book review of the above mentioned work, published by the Gosstatizdat in 1957. The volume contains articles on census taking in socialist countries (Albania, China, Poland, Eastern Germany, and Czechoslovakia) and in Great Britain, France, Italy, Canada, the US, India and Japan.

Card 1/1



Synthesis of diallyl ester of thiodipropionic acid. Trudy Kish.sel'khoz.4fist. 26:175-178 '62. (MIRA 16:5) (Propionic acid) (Allyl alcohol)

L 8439-65 Err(m)/Erp(q)/Erp(b) ASD(a)-5/AFWL/AS(mp)-2/ASD(f)/ESD(dp)/ Pa-le ESD(c)/ESD(gs)/ESD(t)/RAEM(t) WH ACCESSION NR: AP4048379 \$/0070/64/009/004/0459/0465 AUTHOR: Govorova, Te. Z., Firsova, M. M. TITLE: Interaction of natural oscillations in crystals B SOURCE: Kristallografiya, v. 9, no. 4, 1964, 459-465 TOPIC TAGS: crystal, oscillation, nonlinear equation, elastic wave, longitudinal wave, transverse wave, quartz crystal, diffraction pattern, crystal oscillation ABSTRACT: A study of the system of non-kinear equations for oscillations in a crystal gives the following results. An elastic wave with a sufficiently large amplitude, when propagated in an arbitrary direction is an arbitrary should excite waves of two other postible bolar colors which are aga wi in the same direction. The elastic wave for excises the wave tion of this formal principal to an X-quartz Crystal showed that purely iongitudinal waves in the crystal are propagated independently, i.e. no waves with other polarizations are excited. Transverse waves cannot be propagated independently but excite longitudinal waves, transverse waves with the other Card 1/2

L 8139-65 ACCESSION NR: AP4048379

Quasilongitudinal and quantitansverse waves excite one another. Diffraction patterns obtained by the licheffer-Bergmann method on a small block of α -quartz showed the presence of concemitant waves in conformity with the calculations carried out in the article. The theoretical calculations were performed by Ye. Z. GOVOROVA. All the experimental results were obtained by M. M. FIRSOVA. The authors express gratitude to V. G. ZUBOV for the the discussion of the results.

UBSCHATION: Moskovskiy gosudarstvenny'y universitet is, M. V. Losomosova

SUBHITTED: 18Dec63

ENCL: 00

SUB CODE: 88, ME

NO REF SOV: 002

OTHER: OO4

JPES

Jard 2/2

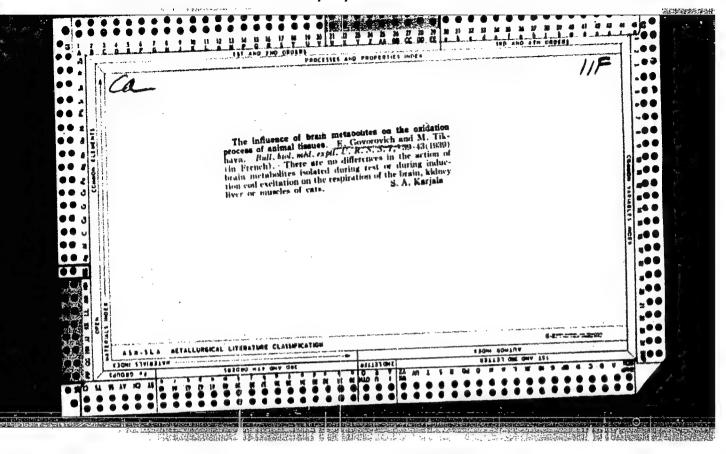
GOVOROVA, Ye.Z.; FIRSOVA, M.M.

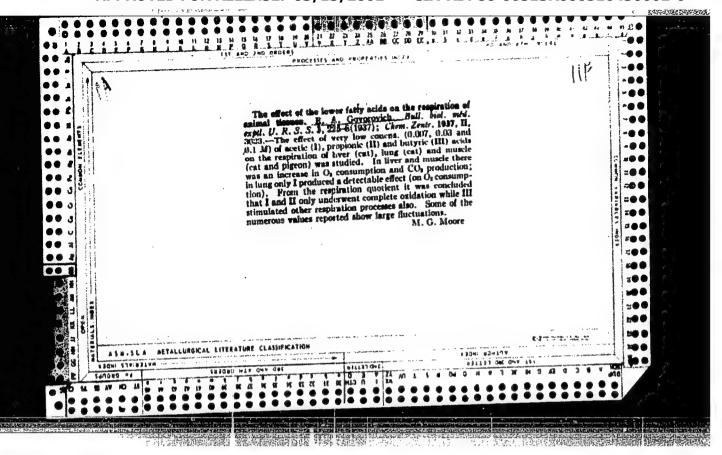
Interaction of natural oscillations in crystals. Kristallografiia 9 no.4:459-465 Jl-Ag '64.

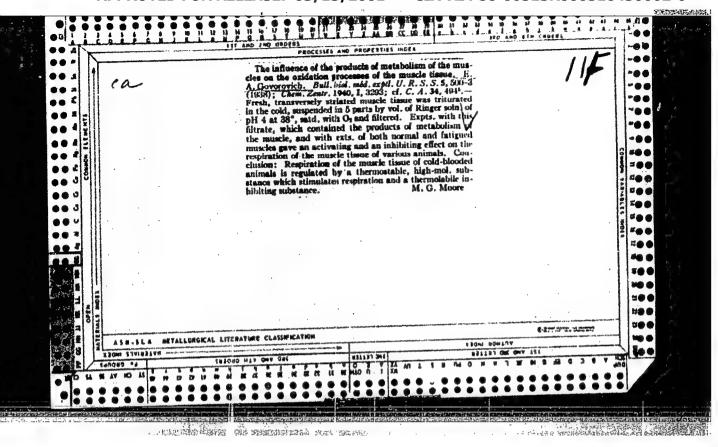
(MIRA 17:11)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

L 22091-66 EWT(1)/T IJP(c) ACC NRI AP6012940 SOURCE CODE: UR/0070/65/010/001/0056/0058 AUTHOR: Zubov, V. G.; Govorova, Ye. Z. 45 ORG: Moscow State University im. M. V. Lomonosov (Moskovskiy gosudarstvennyy universitet) 21. 18/15>5 Third-order anharmonicity effects in crystals SOURCE: Kristallografiya, v. 10, no. 1, 1965, 56-58 TOPIC TAGS: phase transition, ultrasonics, crystallography ABSTRACT: The conditions are formulated for resonant interaction between two intersecting waves in a crystal. A numerical solution is given of the equation for the interaction between X3 and Y3 waves in & -quartz. This solution is verified experimentally by the Bergman-Scheffer ultrasonic diffraction method. Photographs at room temperature and near the phase transition (500° C) are given which support the numerical calculation. Orig. art. has: 2 figures and 10 formulas. [JPRS] SUB CODE: 20 / SUBM DATE: 20Jun64 / ORIG REF: 003 OTH REF:







GOVOROVICE, Ye.A.

Physiological and biochemical changes in mastitis following albomycin and economoccillin therapy [with summary in English]. Anti-biotiki 3 no.6:55-59 N-D 158. (MIRA 12:2)

1. Laboratoriya po klinicheskoy aprobatsii novykh antibiotikov (mav. - daystvitel'nyy chlen AMN SSSR prof. I.G. Rufanov).

(PENICILLIN, ther. use.

mastitis, ecmoline-penicillin prep., biochem. &

physicl. aspects (Rus))

(ANTIBIOTICS, there use,

albomycin in mastitis, biochem. & physiol. aspects (Rus))

(MASTITIS, ther.

E THAT TOWNS I SHE

albomycin & penicillin-ecmoline prep., biochem. &

physicl. aspects (Rus))

(ANTISEPTICS, ther. use,

ecmoline-penicillin prep. in mastitis, biochem. &

physiol. aspects (Rus))

GOVOROVICH. Yeak. (Moskva)

Development of protein insufficiency in surgical diseases.
Klin.med. 36 no.11:110-115 N'58 (MIRA 11:12)

1. Im laboratorii AMN SSSR (may. - deystvitel'nyy chlen AMN SSSR prof. I.G. Rufancy).

(PROTEIN, defic.

in surg. dis. (Rus))

GOVOROVICH, Ye.A.; LITVINOV, V.I.

Physiological, blochemical, and clinical changes in patients with diseases of the gastrointestinal tract during the administration of colimycin. Antibiotiki 5 no.3:102-104 My-Je '60.

(MIRA 14:6)

1. Laboratoriya po klinicheskoy aprobatšii novykh antibiotikov (zav. - deystvitel'nyy chlen AMN SSSR prof. I.G.Rufanov), khirurgicheskoye otdelemiya bol'nitsy No.56.

(ANTIBIOTICS) (ALIMENTARY CANAL—DISEASES)

RUFANOV, I.G.; GCVOROVICH, Ye.A.; MARSHAK, A.M.; GALANOVA, N.V.

Treatment of surgical patients with the new antibiotic monomycin. Antibiotiki 5 no.4:33-37 Jl-Ag '60. (MIRA 13:9)

1. Laboratoriya po klinicheskoy aprobatsii novykh antibiotikov AMN SSSR (zav.-deystvitel'nyy chlen AMN SSSR prof. I.G. Rufanov).

(ANTIBIOTICS) (SUPPURATION)

RUFANOV, I.G., prof.; GOVOROVICH, Ye.A.; MARSHAK, A.M.; GALANOVA, N.V.
(Moskva)

Dihydrostreptcmycin paraaminosalicylate in surgical practice.
Klin.med. 38 no.llt6g-72 N '60. (MIRA 13:12)

1. Iz laboratorii po klinicheskoy aprobatsii novykh antibiotikov
AMN SSSR (zav. - deystvitel'nyy chlen AMN SSSR prof. I.G.
Rufanov). (STREPTOMICIN) (SALICYLIC ACID)

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000516430002-0

RUFANOV, I.G.; GOVOROVICH, Ye.A.; MARSHAK, A.M.; GALANOVA, N.V.

Use of colimycin, mycerin and monomycin for treatment of surgical diseases. Vest. AMN SSSR 16 no.7:56-63 '61. (MIRA 14:7)

1. Laboratoriya po klinicheskoy aprobatsii novykh antibiotikov. (ANTIBIOTICS)

GOVOROVICH, Ye.A.; MARSHAK, A.M.

Some physiological, biochemical, microbiological and clinical observations on the use of polymyrin M in surgical diseases of the stomach and large intestine. Antibiotiki 7 no.12:1107-1111 D 162. (MIRA 16:5)

1. Laboratoriya po klinicheskoy aprobatsii novych antibiotikov AMN SSSR (zavi-deystvitel'nyy chlen AMN SSSR prof. I.G. Rufanov), (POLYMYXIN) (ALIMENTARY CANAL—SURGERY)

RUFANOV, I.G.; GOVOROVICH, Ye.A.; MARSHAK, A.M.; D'YACHENKO, G.M.; SYSOYEVA, L.A.

Clinical use of the combined antibiotic sigmanycin (tetracyclina and oleandomycin). Vest.AMN SSSR 17 no.3:3-8 162. (MIRA 15:4)

l. Laboratoriya po klinicheskoy aprobatsii novykh antibiotikov $\mathtt{ANN}\ \mathsf{SSSR}_{\bullet}$

(SIGNAMYCIN)

RUFANOV, I. G., prof.; GOVOROVICH, Ye. A., doktor biologicheskikh nauk

Significance of the achievements in the field of biochemistry
for surgery. Khirurgila 38 no.5:3-9 My *62.

(MIRA 15:6)

1. Iz laboratorii po klinicheskoy aprobatsii novykh antibiotikov
(sav. - deystvitel'nyy chlen AMN SSSR prof. I. G. Rufanov)

AMN SSSR.

(SURGERY) (BIOCHEMISTRY)

"APPROVED FOR RELEASE: 03/13/2001 CIA-

CIA-RDP86-00513R000516430002-0

RUFANOV, I.G.; GOVOROVICH, Ye.A.; MARSHAK, A.M.; SYSOYEVA, L.A.; D'YACHENKO, G.M.

Ristomycin, a new antibiotic for intravenous introduction; studies on its clinical and physiological effect on patients with severe infections. Antibiotiki 8 no.9:836-839 S '63.

(MIRA 17:11)

1. Laboratoriya po klinicheskoy aprobatsii novykh antibiotikov AMN SSSR.

RUFANOV, I.G., prof.; GOVOROVICH, Ye.A.; GOLUBLEVA-D'YACHENKO, G.M.; BASHLAY, A.G.

Nonspecific immunological body reactivity in antibiotic treatment of purulent infections. Probl. gemat. i perel. krovi 8 no.12:27-30 D '63. (MIRA 17:9)

1. Iz laboratorii po klinicheskoy aprobatsii novykh antibiotikov (zav.- prof. I.G. Rufanov) i Moskovskoy gorodskoy stantsii perelivaniya krovi (nauchnyy rukovoditel' - prof. D.N. Belen'kiy). 2. Deystvitel'nyy chlen AMN SSSR (for Rufanov).

GOVOROVICH, Ye.A., doktor biologicheskikh nauk; MARSHAK, A.M., kand. med. nauk.

Use of sulfanilamides combined with antibiotics and the advantage of sulfapyridazine, a sulfanilamide of prolonged action. Sov. med. 27 no.10:19-25 0 '63. (MIRA 17:6)

1. Iz laboratorii po klinicheskoy aprobatsii novykh antibiotikov AMN SSSR (nauchnyy konsul'tant - deystvitel'nyy chlen AMN SSSR prof. I.G. Rufanov).

GOVOROVICH, Ye.A. (Moskva)

Proetin composition of the blood serum in antibiotic therapy.
Klin. med. 41 no.7:85-91 Jl '63 (MIRA 16:12)

1. Iz laboratorii po klinicheskoy aprobatsii novykh antibiotikov (zav. - deystvitel'nyy chlen ANN SSSR prof. I.Q.Rnfanov).

CIA-RDP86-00513R000516430002-0

GOVOROVICH, Ye.A., doktor biolog. nauk (Moskva)

Effect of antibiotics on the nervous system. Klin. med. 41 no.9: 28-31 S*63 (MIRA 17:3)

1. Iz laboratorii po klinicheskoy aprobatsii novykh antibiotikov (zav. - deystvitel'nyy chlen AMN SSSR prof. I.G. Rufenov), Moskva.

"Changes in some functions of the organism during antibiotic therapy."
report submitted for Antibiotics Cong, Prague, 15-19 Jun 64.

Lab for Clinical Evaluation of New Antibiotics, Prof A. V. Vishnyevskiy's Inst of Surgery, AMS USSR.

GOVOROVICH, Ye.A., doktor biolog. nauk

Conference devoted to problems concerning the clinical use of antibiotics. Sov. med. 28 no.8:149-151 Ag 165. (MIRA 18:9)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000516430002-0"

GOVOROVICH, Ye.A.; KORABEL'NIKOVA, N.I.

Vitamin content in the organism and intestinal microflora in the treatment of surgical patients with oxytetracycline combined with vitamins. Antibiotiki 9 no.9:856-860 S 164.

(MTRA 19:1)
1. Laboratoriya po klinicheskoy aprobatsii novykh antibiotikov i
kafedra mikrobiologii (zav. - deystvitel'nyy chlen AMN SSSR prof.
Z.V. Yermol'yeva) TSentral'nogo instituta usovershenstvovaniya
vrachey, Moskva.

L 07839-67 EWT(1) IJP(c) ACC NR: AP6024670

SOURCE CODE: UR/0070/66/011/004/0628/0631

AUTHOR: Govorova, Ye. Z.; Zubov, V. G.; Firsova, M. M.

ORG: Moscow State University im. V. M. Lomonosov (Moskovskiy gosudarstvennyy universitet)

TITLE: Cortain features of acoustic wave interaction in crystals

SOURCE: Kristallografiya, v. 11, no. 4, 1966, 628-631

TOPIC TAGS: acoustic wave, ultrasonic wave propagation, ammonium commound. acoustic diffraction, single crystal, quarts crystal

ABSTRACT: This is a continuation of earlier work (Kristallografiya v. 9, no. 4, 459 -- 465, 1964), where the authors observed in a-quartz, by an ultrasonic diffraction method, the appearance of longitudinal oscillation modes accompanying transverse oscillations. The present article is devoted to a similar study with single-crystal ADP, in which there are no piezocoefficients causing longitudinal oscillations, and in which the elastic nonlinearity is larger than in quarts. The results have shown that the transverse mode is continuously accompanied by a second harmonic of a longitudinal mode in the same direction. In the general case this

Card 1/2

UDC: 548.0:539.37

L 07839-67 ACC NR: AP6024670

longitudinal mode is weaker than the mode exciting it, but under certain geometrical resonance conditions the diffraction maxima on the longitudinal mode become comparable in brightness with the original transverse mode. The result is shown to agree with a general formula derived for the propagation of an elastic wave in a nonlinear crystalline medium, whereby under certain conditions the second-harmonic longitudinal oscillation can increase spontaneously and give rise eventually to a first harmonic, which was not present hitherto. This energy transfer from one harmonic to another is in good agreement with the results of E. Fermi, J. Pasta and S. M. Ulam (Studies of Nonlinear Problems, LA-1940, OTS, US Department of Commerce, Washington, D. C.), who investigated directly the energy transitions in the spectrum of a vibrating string with nonlinear parameters. The present experiments, like offer no theoretical explanation. The authors thank I. S. Rez, F. I. Foygina, and R. D. Zaytseva for preparing the high grade ADP crystals. Orig. art. has: 2 figures and 4 formulas.

SUB CODE: 20/ SUBM DATE: 08Sep64/ ORIG REF: 004/ OTH REF: 003

3/2 bc

ZUBOV, V.G.; GOVOROVA, Ye.Z.

Effects of third-order anharmonicity in crystals. Kristallografiia 10 no.1:56-58 Ja-F *65. (MIRA 18:3)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

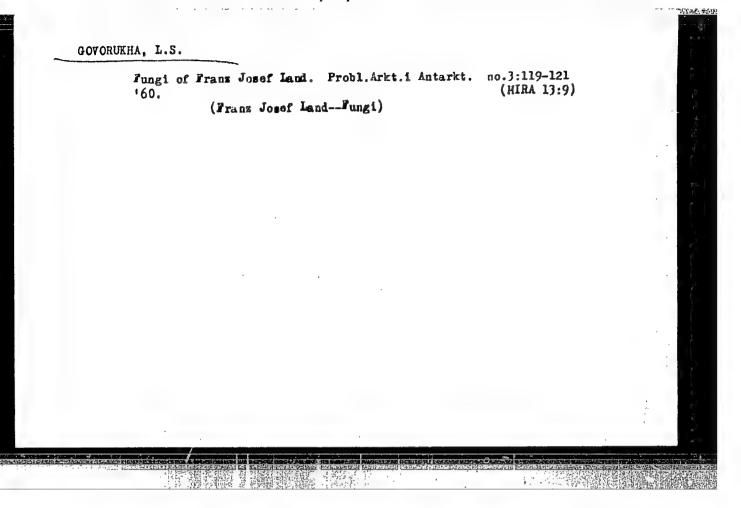
SCURCE CODE: UR/0000/66/000/000/0331/0332 ACC NR. AT6036629 AUTHOR: Ryzhov, N. I.; Derbeneva, N. M.; Seraya, V. H.; Mashinskaya, T. Ye.; Oparina, D. Ya.; Govoruk, R. D. ORG: none TITLE: Relative biological effectiveness of 126-Mev protons in repeated exposures imitating the frequency of solar flares (Paper presented at the Conference on Problems of Space medicine held in Moscow from 24-27 May 1966) SOURCE: Konferentsiya po problemam kosmicheskoy meditsiny, 1966. Problemy kosmicheskoy moditsiny. (Problems of space medicine); materialy konferentsii, Moscow, 1966, 331-332 TOPIC TAGS: cosmic radiation biologic effect, proton radiation biologic effect, radiation hematologic effect A study was made of the RBE of protons during repeated exposures ABSTRACT: approximating the frequency of solar flares in years of maximum solar activity. Half of the test group of 360 Wister rate were irradiated with Card 1/3

NAME AND A

ACC NR. AT6036629
126-Mev protons, and the other half with 180-kv x-rays in single doses of 126-Mev protons, and 400 rad. In the course of a year the animals re25, 50, 100, 200, and 400 rad. In the course of a year the animals received nine-fold exposure, amounting to total doses of 225, 450, 900, 1800, and 3600 rad, respectively. The dose power of proton radiation was 24-48 rad/min, and of x-ray radiation, 36 rad/min. It was found that nine-fold irradiation with protons and x-rays caused radiation sickness, the severity of which depended on the magnitude of single and total doses.

Definite differences were observed between the effects of protons and x-rays: protons caused greater depression of leukocytosis, and also further retarded the rate of recovery processes. Observed changes in the leukocyte count basically depended on corresponding shifts in the lumphocyte count. The content of neutrophils and other blood elements changed less under the influence of both types of radiation. Repeated irradiation with protons and x-rays caused progressive decrease in erythrocyte and hemoglobin content; the degree of decrease (which was slightly less pronounced for proton irradiation) depended directly on the magnitude of single and total doses. Changes in reticulocyte and thrombocyte content were less regular, and no reliable difference in the effects of protons and x-rays on these elements could be established. In many cases the formation of malignant tumors was a remote aftereffect of irradiation. Irradiation in a total dose of 3600 rad caused 100% death of rats with both x-ray and Card 2/3

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SIMONOV, I.M.; GOVORUKHA, L.S.

Physicogeographical empedition to Franz Josef Land. Probl. Arkt. i
Antarkt. no.7:59-60 '61. (MIRA 14:10)

(Franz Josef Land—Physical geography)

37377.

S/169/62/000/004/051/103 D228/D302

AUTHORS:

Govorukha, L. S. and Simonov, I. M.

TITLE:

Question of the glaciation tendency of the Franz Jo-

sef Land

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 4, 1962, 55-56, abstract 4V329 (V sb. Probl. Arktiki i Antarktiki,

no. 9, L., Morsk. transport, 1961, 63-65)

It is noted that up to the present time there are conflicting opinions in the literature regarding the glaciation tendency of the Franz Josef Land. The authors speak in favor of the recession of glaciation throughout the archipelago's territory. This position is based on the data of the expedition of the Arkticheskiy i Antarkticheskiy institut (Arctic and Antarctic Institute) in 1960. As a result of the field work the structural-petrographic characteristics of the ice sheet were obtained, and the glaciation's morphologic features were analyzed. It was established that the height of the snow line is situated 300 - 400 m above sea-level.

Card 1/2

Question of the ...

S/169/62/000/004/051/103 D228/D302

In this connexion most of the domes are found in the ablation region; for the entire archipelago as a whole this results in a negative balance of matter. The fact of the negative balance is confirmed by the periodic thawing of signs and marks on the domes; the discovery, as a result of melting, of ancient infiltration and horizon, enriched by mineral particles and represented by the weathering products of rocks; the absence of complex horizontal stratification of mineral particles, observed when the balance is positive; and the presence of obviously relic domes, testifying to Complete translation.

Card 2/2

GOVORUKHA, L.S., mladshiy nauchnyy sotrudnik; KIRPICHEV, Ye.F., kand.tekhn.nauk

First results of drifting snow measurements by the use of the "Cyclone" drifting snow meter. Inform. biul. Sov. antark. eksp. no.26:22-25 '61. (MIRA 14:7)

1. Arkticheskiy i antarkticheskiy nauchno-issledovatel'skiy institut (for Govorukha). 2. Kotloburbinnyy institut imeni I.I.Polzunova (for Kirpichev).

(Antarctic regions—Snow surveys)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000516430002-0"

MIKHAYLOV, I.S.; GOVORUKHA, L.S.

Soils of Franz Josef Land. Vest. Mosk. un. Ser. 5: Geog. 17 no.6:42-48 N-D '62. (MIRA 16:1)

1. Kafedra geografi pochv Moskovskogo gosudarstvennogo universiteta i Nauchno-issledovatel skiy institut Arktiki i Antarktiki.

(Franz Josef Land-Soils-Classification)

GOVORUKHA, L.S.

Present conditions of sedimentation in lakes of Franz Josef Land.

Probl. Arkt. i Antarkt. no.13:119-122 '63. (MIRA 16:9)

(Franz Josef Land.—Sedimentation and deposition)

GOVORUKHA, L.S.; MIKHALENKO, P.Ya.

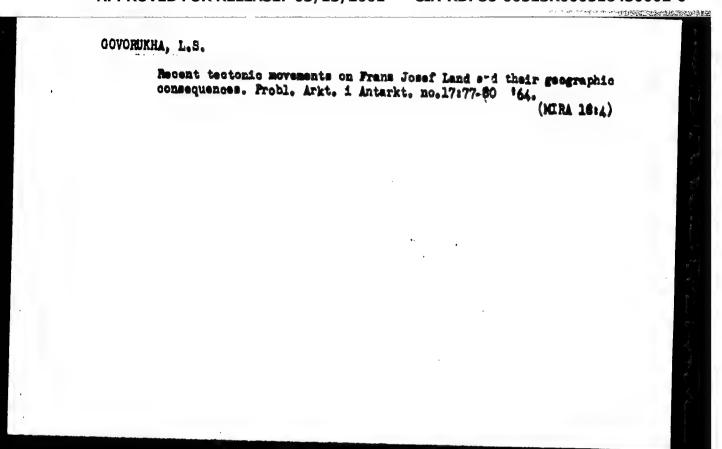
Contemporary retreat of the ice cover on Franz Joseph Land and fluctuations of the coastal line of its islands. Probl.Arkt.i Antarkt. no.15:81-84 64. (MIRA 17:4)

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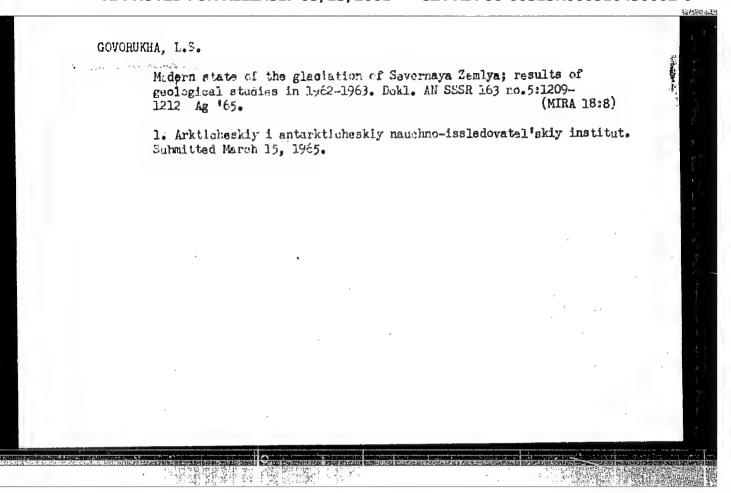
CIA-RDP86-00513R000516430002-0

New data on the recent and uncient ginciation of V.ctoria Teland, Izv.Vses.geog.ob-va 96 no.4:352-354 J1-4g *64. (MIRA 17:10)



GOVCRUKHA, L.S.; SIMONOV, I.M.

Some results of limnological studies in Franz Josef Land Izv.
Vnes. geog. ob...va 97 no.2:169-175 Mr-Ap '65. (MIRA 18:5)



GOVORUKHA, V.

The plant producing sand lime building blocks. Sel'. stroi. 12 no.2:
(MIRR 11:2)

1. Predsedatel' pravleniya arteli "Bytoobskuzhivaniye."
(Taganrog District-Building blocks)

VLADIMIROV, G.; RUBAN, V., prepedavatel; MYASNIKOV, I., tekhnik-streitel; VASHCHUK, 8.; GOVORUKHA, V.

> Lettors from readers, . Sel'. stroi. 13 no.4:30 Ap '59. (MIRA 12:6)

l. Machal'nik Issyk-Kul'skege rayotdela pe stroitel'stvu v kolkhosakh Kirgisskoy SSR (for Vladimirov). 2. Zhitomirskaya odnogedichnaya streitel naya shkela USSR USSR (for Ruban). 3. Kuzevatovskiy rayispelkem Ul'yanovskey eblasti (fer Myasnikev). 4. Nachal'nik etdela vednoge khomyaystva Altayskege kraysel'khomupravleniya (fer Vashchuk). 5. Predsedatel arteli "Bytebeluzhivaniye", Tagnarogekege rayena, Rostovskey oblasti (for Governkha). (Building)

Subject

: USSR/Electricity

AID P - 3358

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CIA-RDP86-00513R000516430002-0"

Author

: Govorukha, V. A., Technician

Title

Use of an electric motor as an autotransformer

Periodical

: Energetik, 9, 26-27, 8 1955

Abstract

: The author briefly describes how he used an induction motor as a star connected autotransformer. One connection diagram. The editors in a note warn the readers that the method described greatly reduces the efficiency and the power factor.

Institution : None

Submitted

: No date

"APPROVED FOR RELEASE: 03/13/2001 CIA-

CIA-RDP86-00513R000516430002-0

GAMEZO, M.V., polkovnik; GOVGRUKHIN, A.M., inzhener-polkovnik; DUKACHEV, M.P., podpolkovnik, Fed.; SUMMEN, V.V., tekhn.red.

[Officer's manual on military topography] Spravochnik ofitsers po voemoi topografii. Moskva, Voen.izd-vo M-va obor. SSSR, 1957. 277 p.

(Military topography)

(Military topography)

GOVORUKHIN, A.M.

"Be able to orient yourself in a location" by A.M. Kuprin. Reviewed by A.M. Govorukhin. Geog. v shkole 23 no.4:90 Jl-Ag '60. - (MIRA 13:10)

(Orientation)
(Kuprin, L.M.)

GAMEZO, M.V., polkovnik zapasa; GOVORUKHIN, A.M., inzh.polkovnik; DUKACHEV, M.F., red.; KALACHEV, S.G., tekhn.
red.

[Officer's handbook on military topography] Spravochnik
ofitsera po voennoi topografii. 1zd.2., perer. i dop.
Moskva, Voenizdat, 1963. 291 p. (MIRA 16:7)
(Military topography)

GOROKHOV, D.I.; GOVORDKHIN. A.P.; SECKLAYA, T.V.; PSHENICHNAYA, A.M.;

ZAYTSEVA, M.B.; Prinimali uchastiye: KALASHNIKOV, W.V.;

PLAKSINA, A.I.. PORTEYAGIN, I.I., otv.red.; ROGOVSKAYA, Ie.G.,

red.; VOIKOV, W.V., tekhn.red.

[Agroclimatic reference book on Tambov Province] Agroklimaticheskii spravochnik po Tambovskoi oblasti. Leningrad, Gidrometeor.ixd-vo, 1959. 123 p.

1. Kursk. Gidrometeorologicheskaya observatoriya. 2. Upravleniye gidrometslushby TSentral'no-Chernozemnykh oblastey (for
Gorokhov, Govorukhin, Smelaya, Pshenichnaya, Zaytseva).

(Tambov Province--Crops and climate)

GOVORUKHIN. A.P.; PSHENICHNAYA, A.M.; SMILAYA, T.V.; ZAYTSEVA, M.B.;
Prinimeli uchestiye: KALASHNIKOV, N.V.; PLAKSINA, A.I.;
DOLGOSHOV, V.I., starshiy nauchnyy sotrudnik. PORTNYAGIN, I.I.,
otv.red.; ROGOVSKAYA, Ye.G., red.; BRAYNINA, M.I., tekhn.red.

[Agroclimatic reference book on Orel Province] Agroklimaticheskii spravochnik po Orlovskoi oblasti. Leningrad, Gidrometeor.izd-vo. 1960. 91 p. (MIRA 13:11)

1. Kursk. Gidrometeorologicheskaya observatoriya. 2. Upravleniye gidrometaluzhby tsentral no-chernozemnykh oblastey (for Govorukhin, Pshenichnaya, Smelaya). 3. Institut geografii AN SSSE (for Dolgoshov). (Orel Province-Crops and climate)

GOVORUKHIN. A.P.; SMELAYA, T.V.; PSHENICHNAYA, A.M.; DOLGOSHEV, V.I., nauchnyy sotrudnik; ZAYTSEVA, M.B.; NEDOSHIVINA, T.G., red.; VLADIMIROV, O.G., tekhn.red.

[Agroclimatic manual for Bryansk Province] Agroklimaticheskii spravochnik po Brianskoi oblasti. Leningrad, Gidrometeor.izd-vo, 1960. 111 p. (MIRA 14:4)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye gidrometeorologicheskoy sluzhby. Upravleniye gidrometeorologicheskoy sluzhby TSentral no-chernozemnykh oblastey. 2. Institut geografii AN SSSR (for Dolgoshey). (Bryansk Province--Crops and climate)

GOVORUKHIN. A.P.; SMELAYA, T.V.; PSHENICHNAYA, A.M.; ZAYTSEVA, M.B.
Prinimali uchastiye: KALASHNIKOV, N.V.; PLAKSINA, A.I.;
DOLGOSHOV, V.M., starshiy nauchnyy sotrudnik. PORTNYAGIN,

[Agroclimatic manual for Lipetsk Province] Agroklimaticheskii spravochnik po Lipetskoi oblasti. Leningrad, Gidrometeor.izd-vo. 1960. 94 p. (MIRA 14:1)

I.I., otv.red.; MIRONENKO, Z.I., red.; VOLKOV, N.V., tekhn.red.

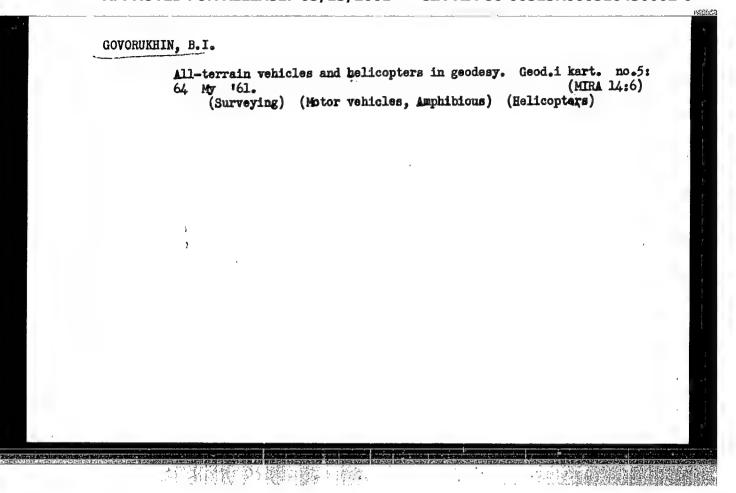
1. Russia (1923- U.S.S.R.) Glavnoye upravleniye gidrometeorologicheskoy sluzhby. Upravleniye gidrometeorologicheskoy sluzhby TSentral'no-Chernozemnykh oblastey. 2. Upravleniye gidrometaluzhby TSentral'no-Chernozemnykh oblastey (for Govorukhin, Smelaya, Pahenichnaya, Znytseva). 3. Institut geografii Akademii nauk SSSR (for Dolgoshov).

(Lipetak Province -- Crops and climate)

GOVORUMHIN, A.P.

Freezing and thaving regime of soils in the Central Black Earth Region. Shor.rab.Kursk.gidromet.obzerv. no.2:12-33 '64.

(MIRA 17:9)



GOVORUKHIN, G.

Patriotic work of the Moscow metallurgists. Voen.znan. 33 no.10:15 0 '57. (KIRA 10:11)

1. Predsedatel' komiteta pervichnoy organizatsii Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu.Moskovskogo savoda "Serp i molot."

(Moscow--Military education)

APPROVED FOR RELEASE: 03/13/2001 CIA-RDP86-00513R000516430002-0"

· 拉拉拉斯斯 日登》

VOKUKIN C.

85-58-5-7-38

AUTHOR: Govorukhin, G., Chairman DOSAAF Committee at the "Serp i Molot" Plant (Moscow)

TITLE: We Shall Carry Out the Decisions of the DOSAAF Convention (Vypolnim resheniya swyezda DOSAAF)

PERIODICAL: Kryl'ya rodiny, 1958, Nr 5, p 6 (USSR)

ABSTRACT: The author tells of DOSAAF activities in aviation sports at his plant, where interest in parachute jumping and model-airplane building predominate. Public instructors include Komsomol members Leonid Avramenko, Boris Klement yev, and Yuriy Vatmanovskiy, who instructed a large group of plant workers in parachute jumping. Another group, composed of Komsomol members employed at the plant, is now completing its primary Two or three other groups will be trained in the course of the summer [1958].

ASSOCIATION: Komitet DOSAAF zavoda "Serp 1 Molot" (DOSAAF Committee at "Serp 1 Molot" Plant, Moscow)

Card 1/1 1. Aviation - USSR 2. Parachute jumping

GOVORUKHIN, G.

Questions raised by life. Voen. znan. 38 no.4:17 Ap '62.

(MIRA 15:4)

1. Predsedatel' komiteta Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu zavoda "Serp i molot", Moskva.

(Military education)

Subject

: USSR/Aeronautics

AID - P-171

Card

GOVORUMILIT, L.

1/1

Authors

: Covorukhin, L., Col. of the Guard and Zavoryzgin, B.,

Col. of the Guard

Title

: Pilots of the Unit of the Order of Bogdan Khmel'nitskiy

Periodical

: Air Force Herald, 1, 28+33, Ja 1954

Abstract

The author describes the heroic achievements of this

unit during World War II. Some names of flyers are

mentioned.

Institution: None

Submitted : No date

GOVORUKHIN, N. M.

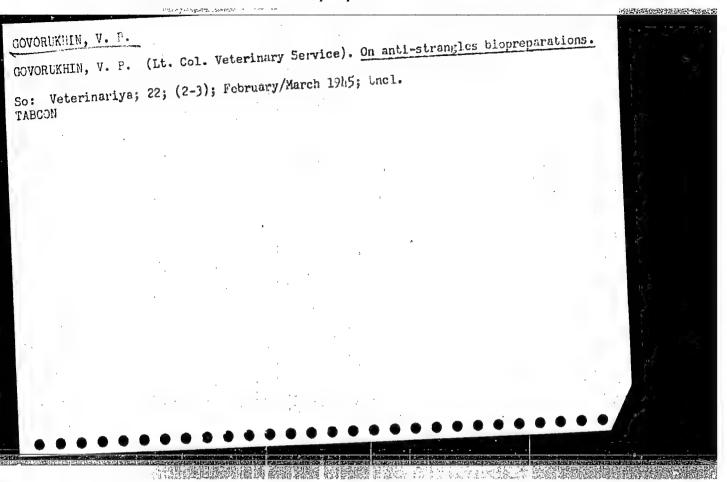
"The Growing of Winter-Resistant Vegetable Crops in Steam-Heated Hot Eeds and Warm Soil." Cand Agr Sci, Moscow Order of Lenin Agricultural Acad imeni K. A. Timiryazev, Moscow, 1954. (KL, No 1, Jan 55)

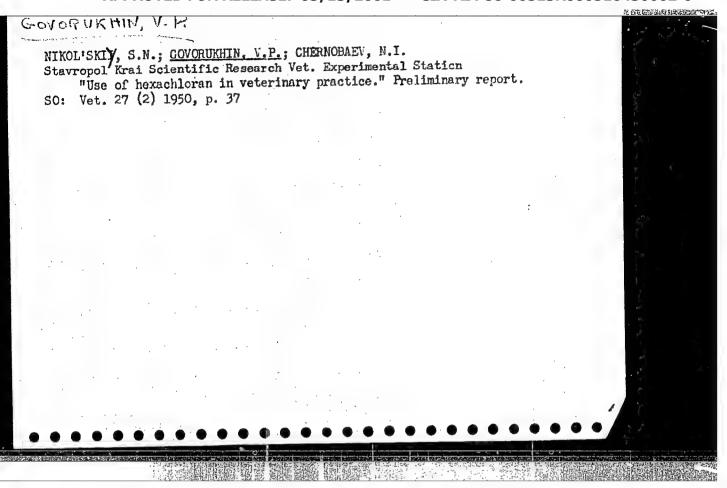
Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (13)
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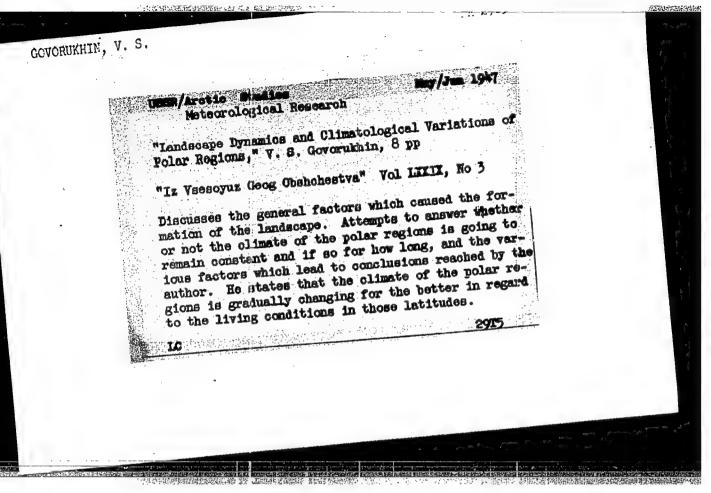
AP6033223 SOURCE CODE: UR/0142/66/009/004/0560/0562 AUTHOR: Govorukhin, V. I.; Polevoy, V. V. ORG 1 none TITLE: A transistorized distributed amplifier with rising frequency SOURCE: IVUZ. Radiotekhnika, v. 9, no. 4, 1966, 560-562 TOPIC TAGS: distributed amplifier, solid state amplifier, frequency ABSTRACT: A transistorized distributed amplifier circuit with rising frequency characteristics is described. The amplifier transistors (see Fig. 1) are connected in series with the input capacitance; in this arrangement input signals are only slightly attenuated by the low transistor input impedance. For a significant part of the bandwidth the amplifier frequency characteristics are linear for values of m impedance has an insignificant effect on frequency characteristics for Impedance has an insignificant effect on frequency characteristics in Values of μ up to 0.2-0.5. The amplifier has a phase shift that is independent of the number of cascaded transistors and is relatively autite paudi tor h a O the bhase shift changes trom 30. Aith x a O to Card 1/2 Card 2/2 nat

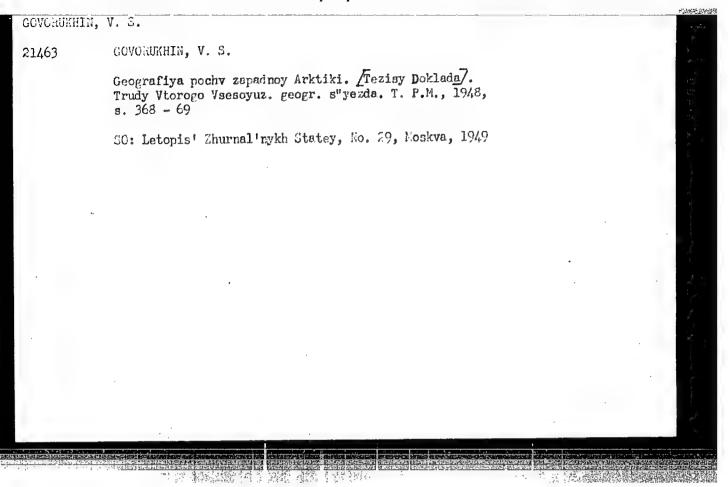
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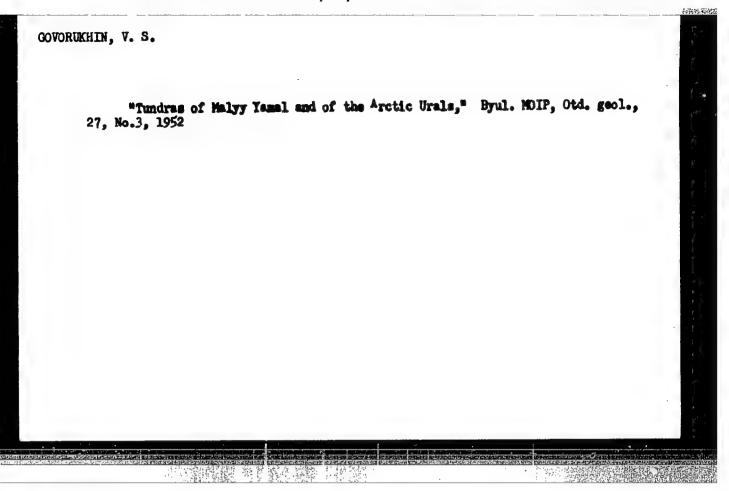






COVORUKHIN, V. S.

"Notes on the Floral Geography of the Northern Temperate and Arctic Zones (Golarktika)," Trudy MOIP, Otd. geol., No.1, 1951

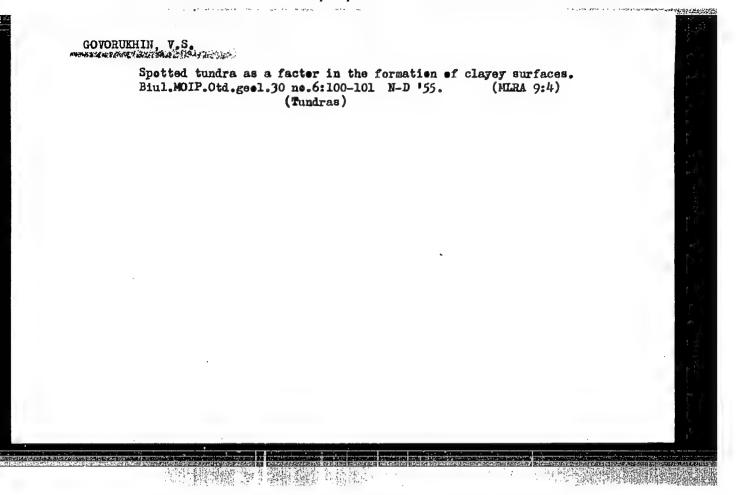


GOVORUKHIN, V. S.

"Functate Tundra as a Factor in the Formation of INtegumentary Argillaceous Soils"

A paper presented on 14 April, The Activity of the Moscow Society of Naturalists, Byulleten' Moskovskogo Obshchestva Ispytateley Prirody Vol LX

No 6, Moscow, Nov-Dec, 1955, pp 80-90, Geology Section Source: U-9235, 29 Nov 1956



USSR/Cultivated Plants - Medicinal. Essential Oils. Toxins.

M-8

Abs Jour

: Ref Zhur - Biol., No 7, 1958, 30104

Author

: Govorukhin, V.S.

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Moscokskaya Colast Pedagogical Institute.

Title

: Observations on Several Toxins and Medicinal Plants of Moskovskaya Oblast' (On the 20th Anniversary of the Myachkovskaya Geographical Station of Moskovskaya Oblast'

Pedagogical Institute).

Orig Pub

: Uch. zap. Mosk. obl. ped. in-t, 1956, 47, 185-195

Abstract

The studies of the Myachkovskaya Station on the ecology and distribution in Moskovskaya Oblast' of yarrows, of aco-

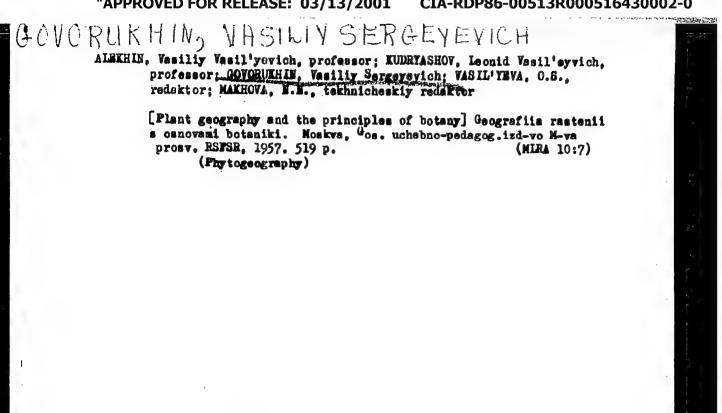
nite and nonk's hood, velerian and wild onions.

1) On the basis of a morphological study of the leaves of the aconite a series of leaf structures were set up which are significant in working out the intervarietal system—

Card 1/2

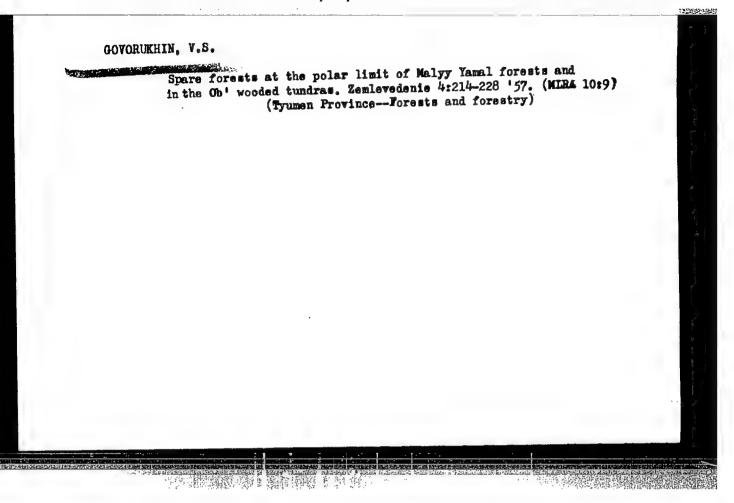
"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000516430002-0



"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R000516430002-0



SOV-5-58-2-39/43 AUTHOR: Govorukhin, V.S. The Botanic-Geographic Profile of the East (Siberian) Slopes TITLE: of the Ural Mountain Range (Botaniko-geograficheskiy profil' vostochnykh (sibirskikh) sklonov Ural'skogo khrepta) Byulleten' Moskovskogo obshchestva ispytateley prirody -PERIODICAL: Otdel geologicheskiy, 1958, Nr 2, pp 163-164 (USSR) In this article, the author gives a detailed description of ABSTRACT: the different tree belts at different altitudes on the eastern slopes of the Ural Mountain Range. 1. Trees-Growth 2. Trees-Climatic factors 3. Mountains-Siberia Card 1/1

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[Conference on the cartography of vegetation. Novosibirsk, 1960. Summaries of reports] Teziey dokladov. Moskva, Sibirskoe otd-nie AN SSSR, 1960. 138 p. (MIRA 17:3)

1. Soveshchaniye po voprosam kartografii rastitel'nogo pokrova. Novosibirsk, 1960.

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(MIRA 15:4)

(Phytogeography)

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